

# Curriculum Vitae

BISHWARUP PAUL

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## Education:

- Ph.D. (2013-present): Integrated Ph.D. programme, Department of Biological Sciences, IISER-Kolkata.
- Masters (2011-2013): M.S. (Integrated Ph.D. programme), Department of Biological Sciences, IISER-Kolkata (CGPA 7.97).
- Bachelors (2007-2010): B.Sc. (Hons.) in Microbiology, Ramakrishna Mission Vidyamandira, University of Calcutta (68.6%).
- Higher Secondary (2005-2007): Belur High School, WBCHSE (81.6%).
- Secondary (2005): Uttara Para Model (High) School, WBBSE (83.5%).

## Research Experience:

- Currently working under the supervision of Dr. Sumana Annagiri (Dept. of Biological Sciences, IISER-Kolkata) on the behaviour, ecology and cognition of ants.
- M.S. dissertation (6 months) under the supervision of Dr. Sumana Annagiri on the impact of stress on nest relocation in ants.
- M.S. dissertation (6 months) under the supervision of Dr. Sankar Maiti (Dept. of Biological Sciences, IISER-Kolkata) on the characterization of actin-binding protein Vgrg-1 from *Vibrio cholerae*.
- Summer internship under Dr. Sankar Maiti.
- Project during B.Sc. on the tolerance of microorganisms collected from wastelands of Kolkata against nickel chloride.

## Publications

- **Paul, B.**, Paul, M. & Annagiri, S., 2016. Opportunistic brood theft in the context of colony relocation in an Indian queenless ant. *Scientific Reports*, 6 (36166).
- Annagiri, S., Kolay, S., **Paul, B.** & Sona, C., 2016. Network approach to understanding the organization of and the consequence of targeted leader removal on an end-oriented task. *Current Zoology*, p. zow058.

## Conferences and Workshops Attended:

- Speciation and the Web of Life (GIAN approved course), 2016, IISER-Tvm, India.
- I-BEE (India-Behaviour, Ecology & Evolution), 2016 (Oral presentation: "Intraspecific brood theft in an Indian queenless ant"), Corbett National Park, Uttarakhand, India.
- Frontiers in Modern Biology, 2015 (Poster presentation: "Robbing thy Neighbour: A study in an Indian Queenless Ant"), IISER-Kolkata, India.
- National Conference on Ethology and Evolution (39<sup>th</sup> Annual Meeting of Ethological Society of India), 2015 (Poster presentation: "Robbing thy Neighbour: A study in an Indian Queenless Ant"), IISER-Mohali, India.
- SERB School in Neuroscience, 8<sup>th</sup> Edition (Brain Circuits), 2014, IISER-Pune, India.
- Frontiers in Modern Biology, 2013 (Poster presentation: "Stealing the Young: A Case Study in the Indian Queenless Ant"), IISER-Kolkata, India.

## Academic Activities:

- **Teaching assistantship:**
  - Biology laboratory X (Animal behaviour) for undergraduate semester VIII, Spring 2016.
  - Biology laboratory VII (Ecology and behaviour) for undergraduate semester VI, Spring 2016.
  - Introduction to Biology II (Evolution) for undergraduate semester II, Spring 2015.
  - Introduction to Biology II (Evolution) for undergraduate semester II, Spring 2014.

## Awards and Honours:

- Eligibility for Lectureship by clearing Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship (NET) held on December 2012.
- INSPIRE-SHE scholarship from Department of Science and Technology (DST), India for Higher studies in Basic and Natural Sciences during the period of 2007-2010.

## Computing Skills:

- Detailed knowledge of Windows and Linux (Ubuntu and derivatives) operating systems.
- Experience of R, Python, and PERL programming languages.
- Experience of typesetting in  $\text{\LaTeX}$ .
- Experience of creating websites using HTML + CSS and R Markdown.
- Experience of graphic editing in Adobe Photoshop/GIMP, Adobe Illustrator/Inkscape.
- Experience of basic video and audio editing and transcoding using Avidemux/Openshot, Audacity, FFmpeg etc.